

**Kuwait Train Up** 



**SASO** 



Iraqi Border

**Tallil Airbase** 



**Baghdad** 



**Euphrates** 



Karbala Gap



An Najaf





As Samawah

#### **MARNE THUNDER**

**3ID (M) DIVARTY IN OPERATION IRAQI FREEDOM** 

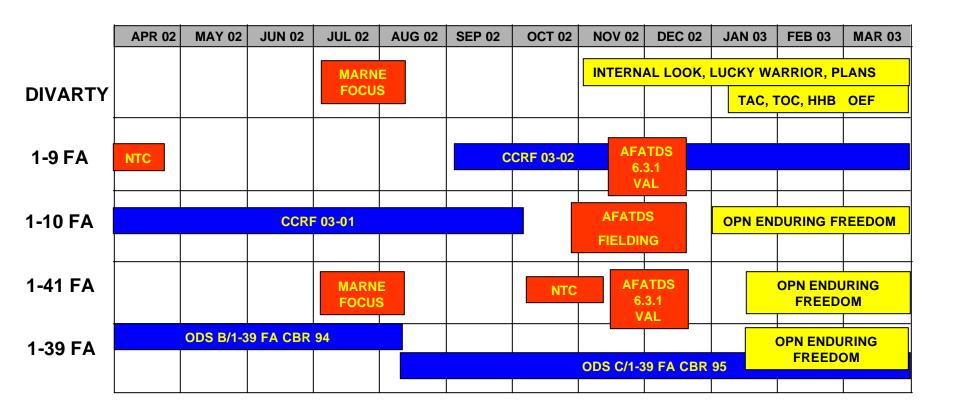
#### **Agenda**

- Road to war
- Mission
- RSOI and Train-up
- Execution
- Ammunition / BDA Roll-up
- Winners and Losers
- Lessons Learned
- Fallen Heroes
- Overall Observations



#### **Road to War**





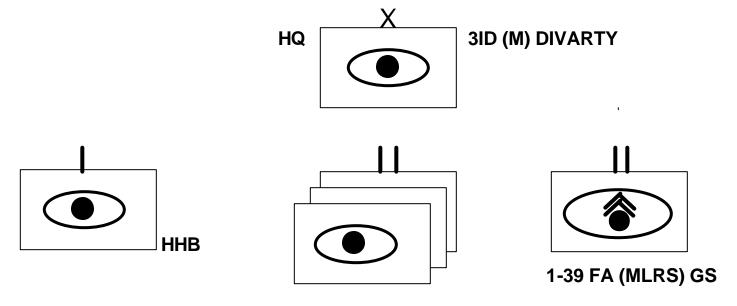
# 3ID(M) Mission

On order, 3 ID (M) attacks in zone to defeat the 11th Infantry Division and seize crossing sites over the EUPHRATES River vicinity AN NASIRIYAH in order to set the conditions for continued attacks to the north against Republican Guard Forces. On order, 3 ID (M) attacks in zone to destroy the MEDINA Division in order to isolate BAGHDAD from the south and set the conditions for removal of the regime.



# DIVARTY Task Organization





1-41 FA (M109A6) (DS 1st BCT) 1-9 FA (M109A6) (DS 2nd BCT) 1-10 FA (M109A6) (DS 3rd BCT)

### 3ID(M) Artillery Mission

3ID(M) Artillery rapidly deploys to KUWAIT, conducts RSOI in order to generate combat power and prepare for future operations. O/O, provides SEAD, counter-battery and ATACMS fires ISO CFACC, CFLCC, V Corps and 3ID(M). O/O provides reinforcing fires in support of brigade close operations. O/O attacks in zone to destroy the 11th ID and seize crossing sites in the EUPHRATES River vicinity AN NASIRIYAH in order to set the conditions for continued attacks to the north against Republican Guard Forces. O/O, provides SEAD, counter-battery and ATACMS fires ISO 3ID(M)'s attack in zone to destroy the **MEDINA Division in order to isolate BAGHDAD from the** south and set conditions for IRAQI regime change.

#### **12 NOV 02 – Division Staff Arrives**

2-30 JAN 03 – DIVARTY Units Arrive



22 JAN – 5 FEB 03 – Victory Scrimmage, Germany

7-13 FEB 03 - DIVARTY LFX "Thunder in the Desert"

9 FEB 03 – USNS Mandonka arrives, download equipment

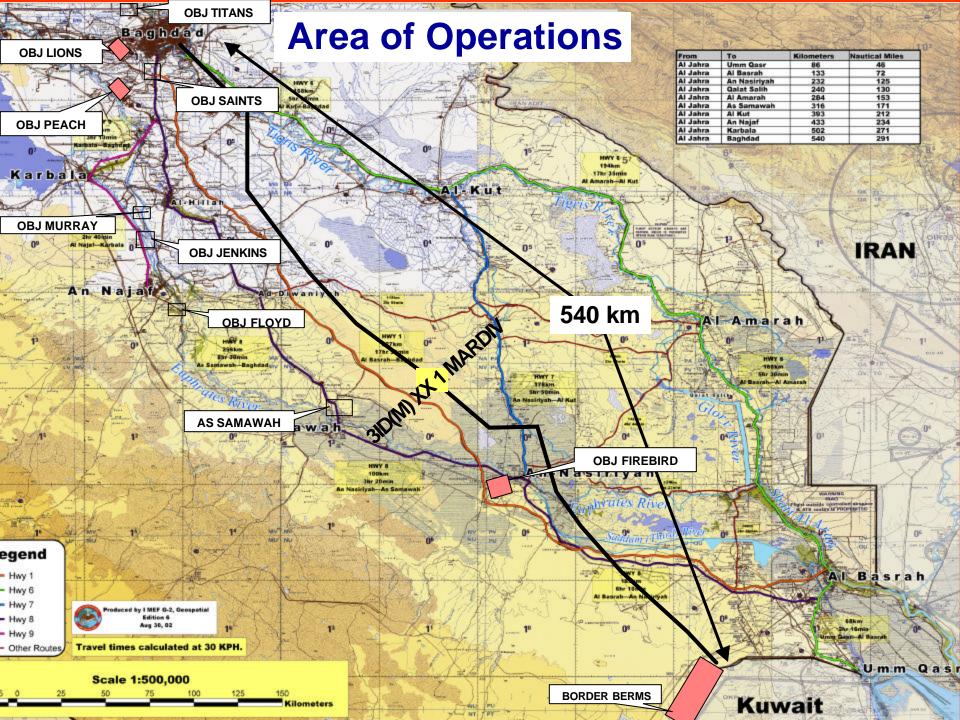
16 FEB 03 - DIVARTY Issued FASP "Thunder Cobra II"

22 FEB 03 – 3ID(M) Fires Rehearsal



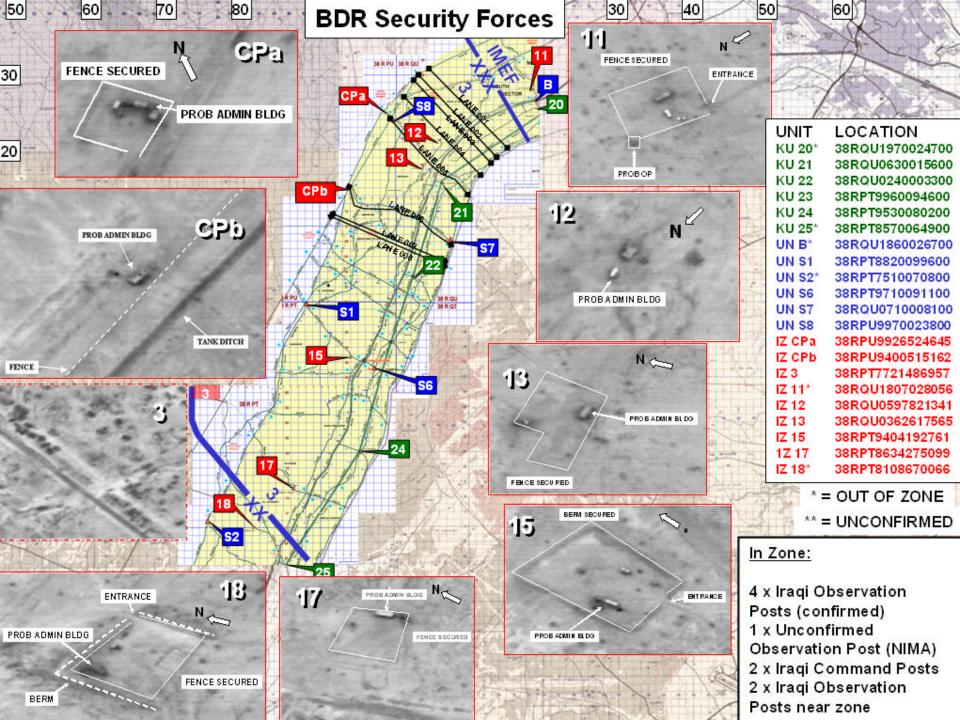
2 MAR 03 - DIVARTY moves to Assembly Areas

13-14 MAR 03 - V Corps Dress Rehearsal and LFX

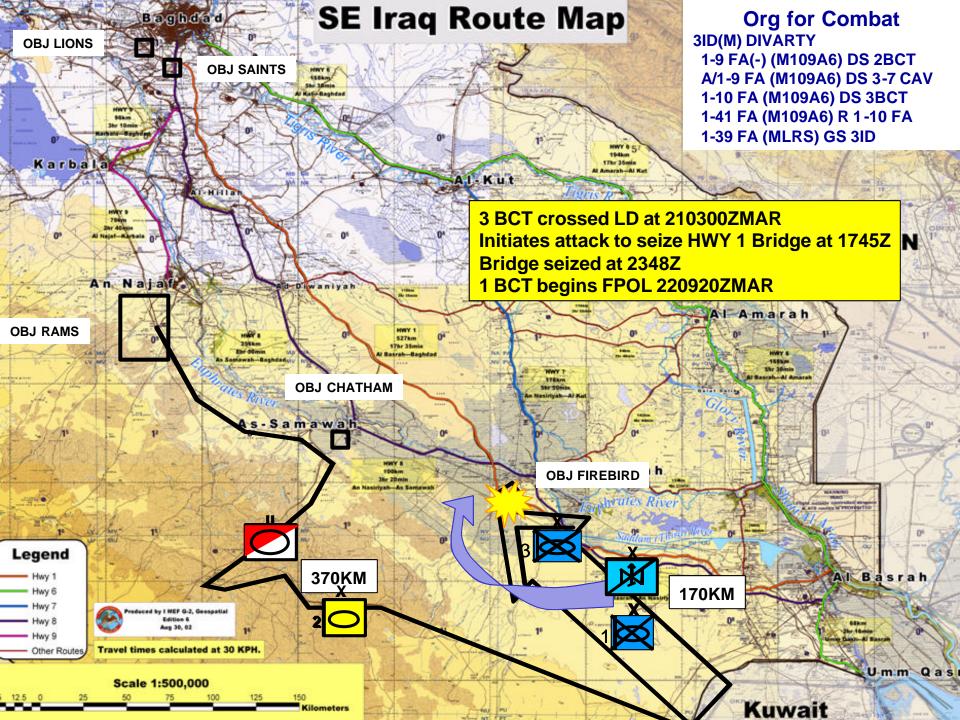


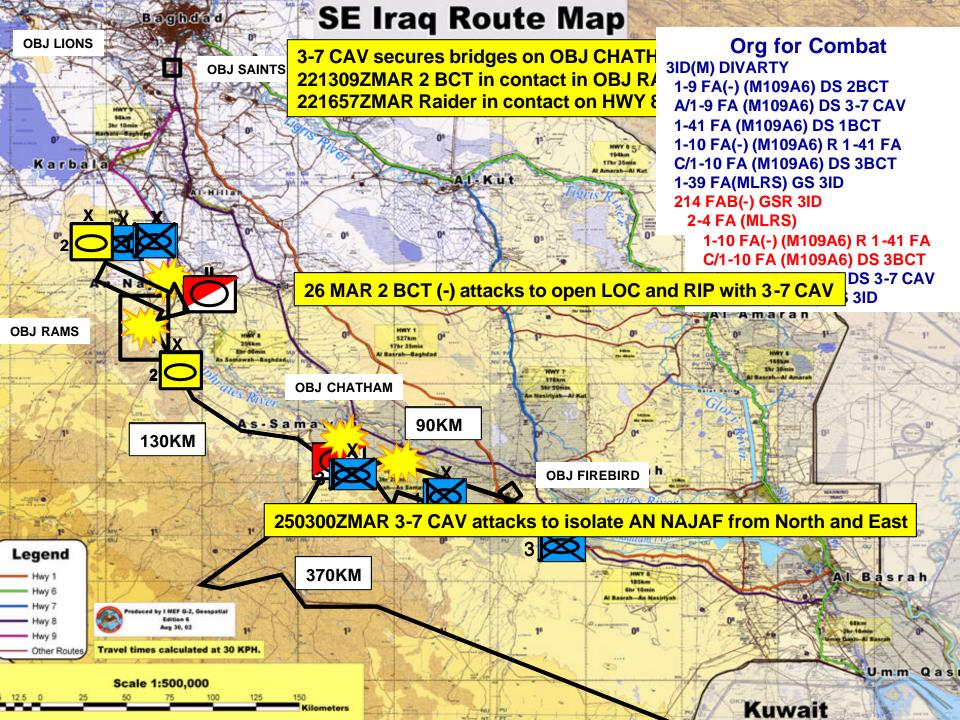
#### 20 March - ISR/OP Destruction

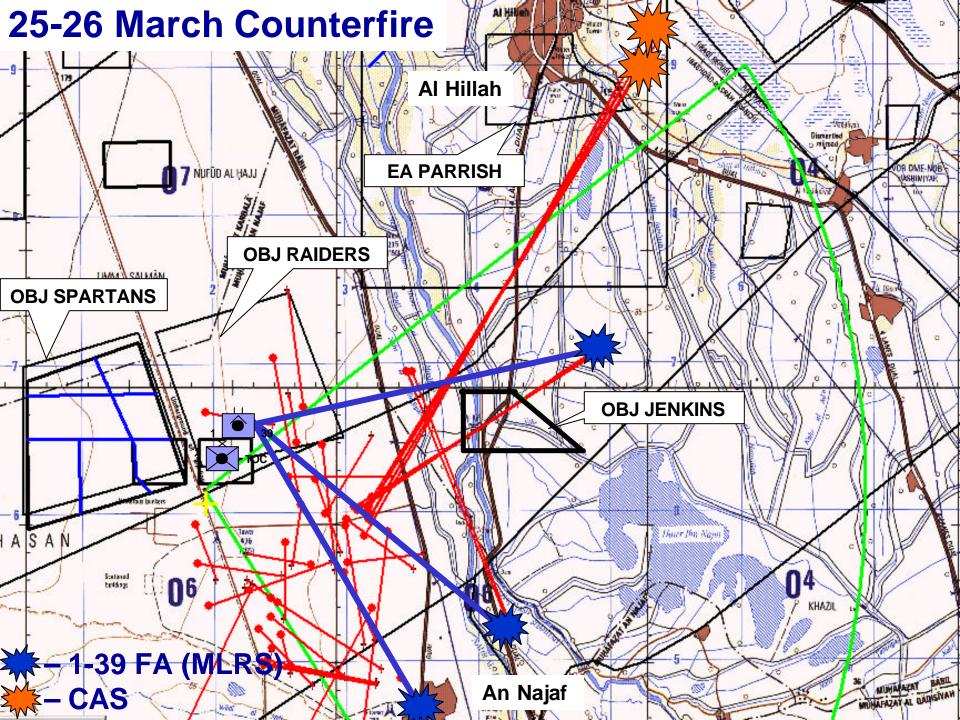


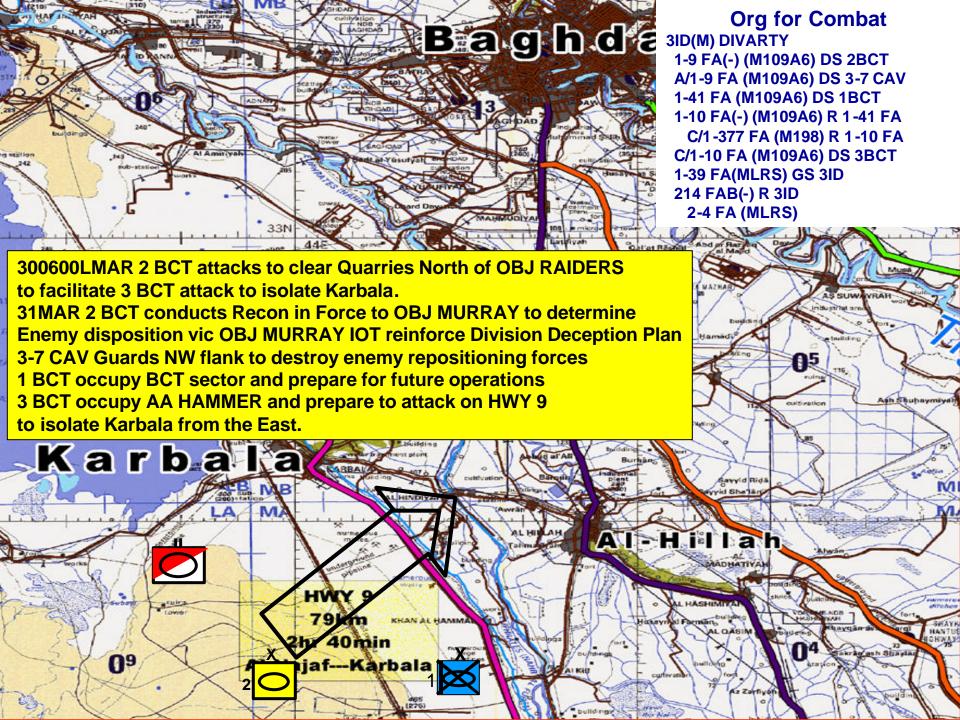




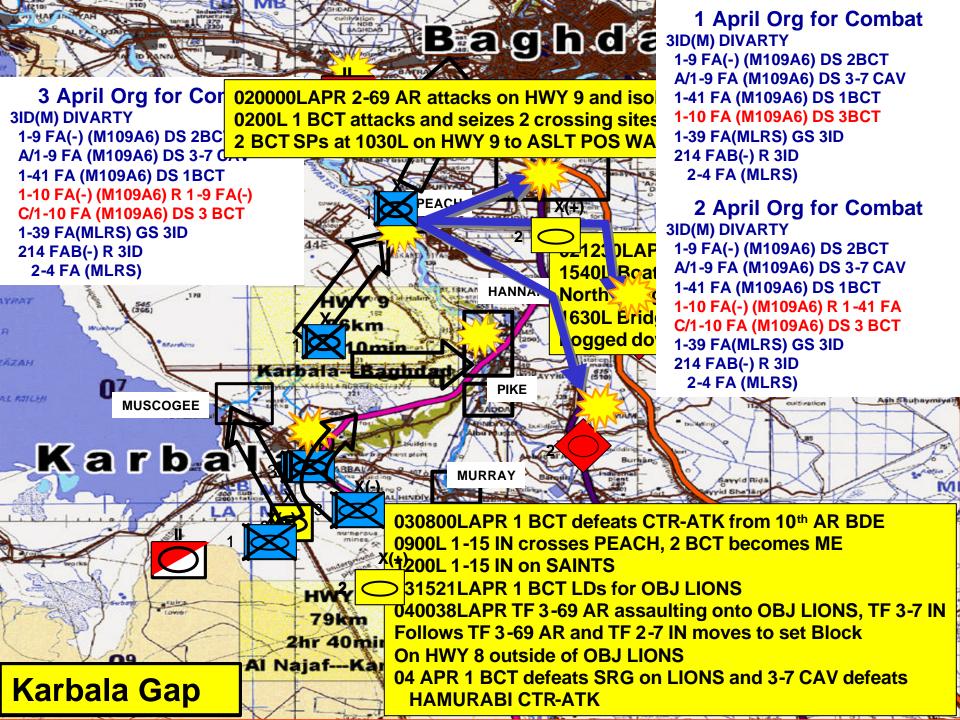


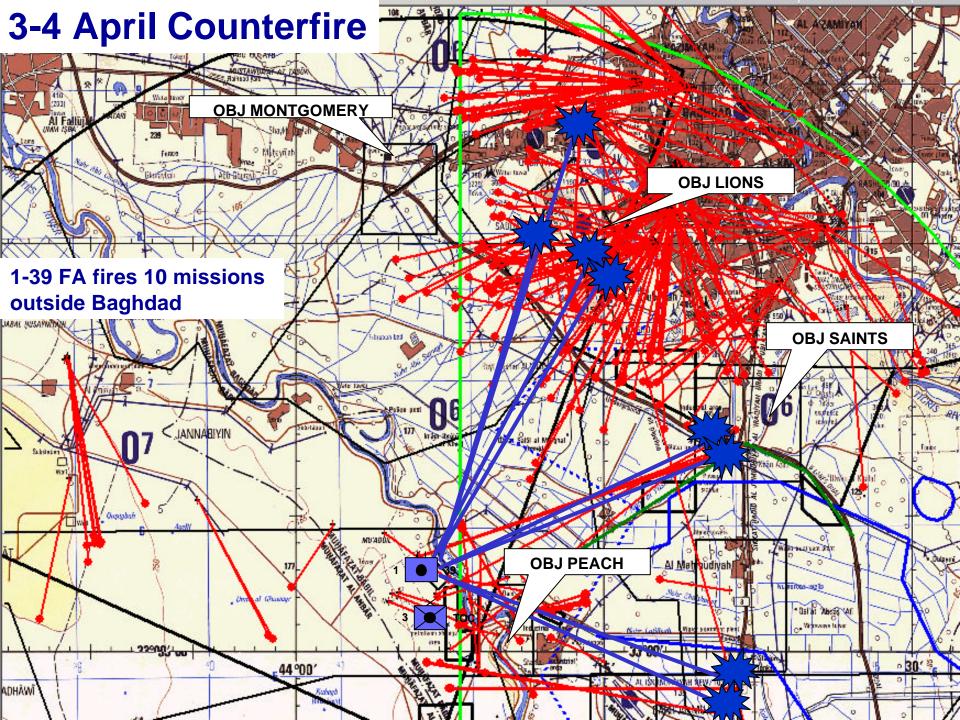




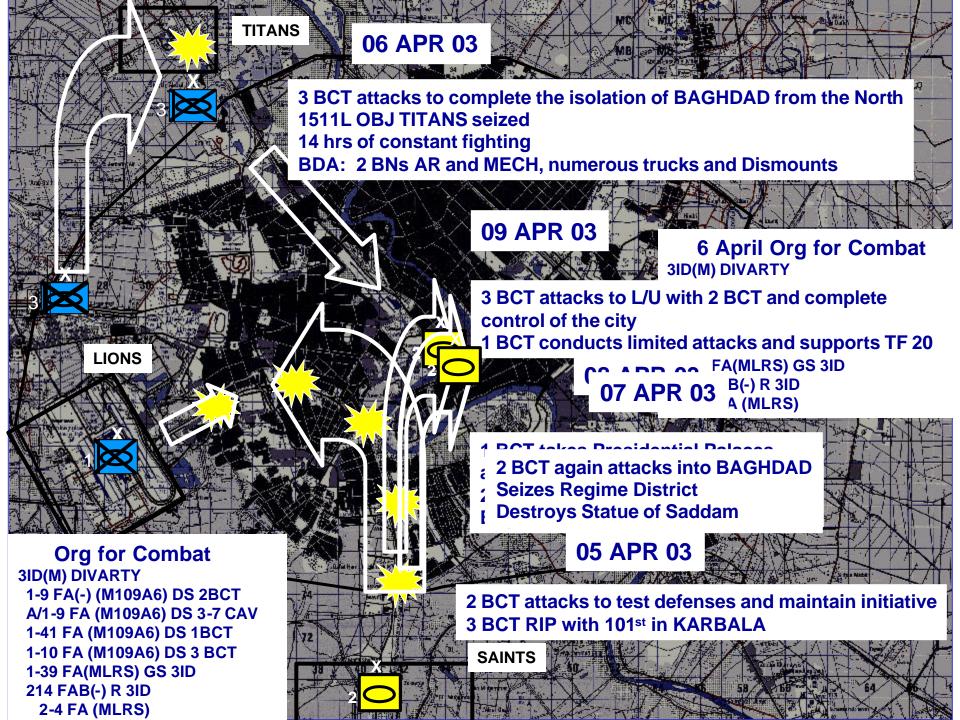








# The Attack into Baghdad







#### **SADARM Roll-up/BDA**



UNIT	DATE	TGT #	TGT GRID	# OF RDS	BDA	
1-10 FA	22-Mar-03	KM7086	PV 13520 29410	12	T-55 destroyed	
	26-Mar-03	KB7002	MA 22190 78140	10	T-72 and BMP destroyed	
	28-Mar-03	KB7008	MA 30000 75600	5	T-55 destroyed	
	29-Mar-03	KB7029	MA 3992 6751	10	T-55 destroyed 10 KIAs (Reinforced 1-41FA)	
	1-Apr-03	KM7033	MA 14310 01370	4	T-72 destroyed	
	5-Apr-03	KM7014	MB 43173 21469	12	16 Vehicles hit, Secondary explosion 1 Bldg on fire	
	6-Apr-03	KM7062	MC 31300 02300	6	T-72 and BMP destroyed	
	8-Apr-03	KM7025	MB 18300 07530	3	T-72 and BMP destroyed	
	8-Apr-03	KM7023	MB 16130 01660	2	T-55 and APL destroyed	
			Bn Total	64		
1-41 FA	28-Mar-03	KB7025	MA 4025 6730	2	T-72 and BMP destroyed	
	6-Apr-03	KA0153	MB 3790 8949	10	Artillery unknown (C/F)	
	7-Apr-03	KW6205	MB 3177 8757	12	Artillery unknown (C/F)	
	7-Apr-03	KW6210	MB 3245 9167	12	Artillery unknown (C/F)	
			Bn Total	36		
1-9FA*	30-Mar-03	KL9003	LA 8509 7986	9	4 T-72 Tanks destroyed and 17 Dismount killed	
	4-Apr-03		MB 21973 87600	12	6 Vehicles hit, 2 BMPs destroyed	
	'		Bn Total	21		
			DIVADEVET ( )	101		
			DIVARTY Total	121	(9) T-72, (4) T-55, (6) BMP, (1) APL, (16) MISC	
					(27) KIA	

<sup>\*</sup> A 1-9 FA was DS to 3-7 CAV

#### 3ID(M) Artillery Total BDA



#### Winners



#### ... And Losers





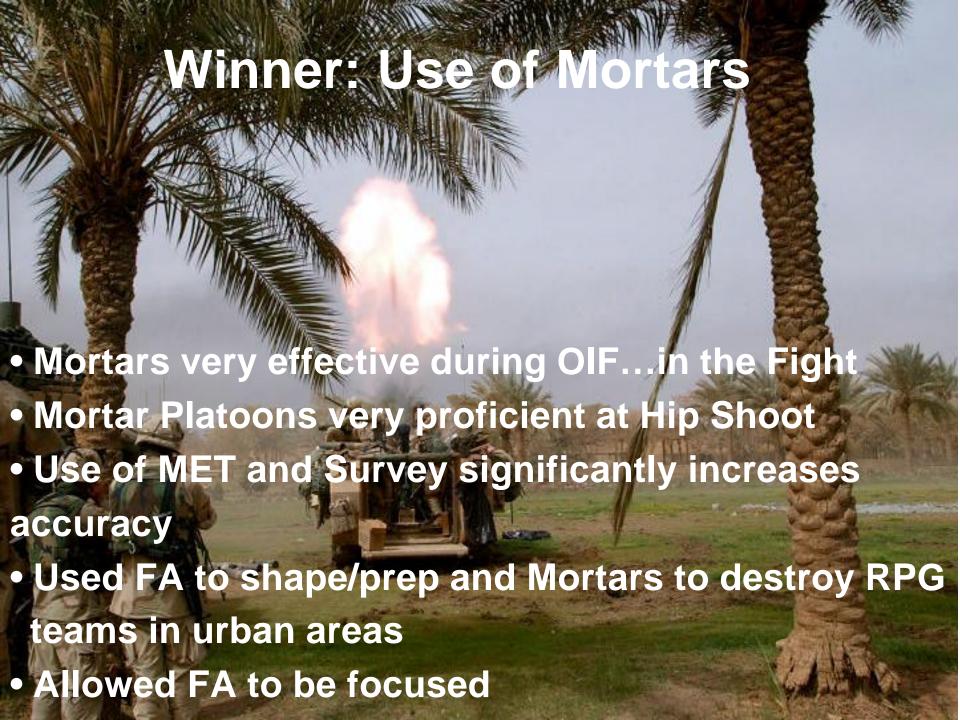
#### Winner: PALADIN

- Fire Mission times under 2 minutes...always Ready to Fire
- Great OR Rate; able to keep up. (Stop. Shoot, Move)
- Can shoot from anywhere in any weather
- Provided crew adequate Force Protection
- Very Accurate...1st Round FFE

#### Winner: M7 BFIST

- Truly Revolutionary...allows the FIST to keep up, provide own Force Protection, and acquire targets (10 digit @10 kms)
- The days of the FSO following the CO CDR are over!
- BFIST generally used as a BDE/TF Observer...
   positioned by CO CDR to meet BDE/TF Observer Plan...
- Linked to EFSTs
- 1st Round Fire for Effect was the norm







- 924 CAS sorties flown
- CAS worked
- Joint fires = success
- "No strike list" required before LD
- Ammo selection (HE vs ICM)
- Deep ATK vs shaping the close fight
- OH-58D are extremely effective airframes





#### Loser: C2 On the Move



# DIVARTY-level 5 Ton Expando Vans provide excellent *static* CP, but hopelessly obsolete on the move:

- Cross-country severely limited
- No force protection from direct or indirect fires
- No power to AFATDS or workstations

#### Loser: Dud Producing Rounds

- **OPICM** 56 percent of DS BN UBL
- Maneuver Commanders hesitant to use it...but had to
- Dud rate not bad on hard surfaces, but worse than expected off-roads
- Not for use in Urban Areas
- SADARM preferred killing munition, HE for suppression
- Is DPICM a Cold War relic?



#### **DS Battalion UBLs**



#### Was ....

DODIC	Nomenclature	DS BN
D061	SADARM	115
D505	ILLUM	50
D528	SMK (M825)	351
D544	HE (M107)	1002
D529	HE (M795)	0
D550	WP(M110)	136
D563	DPICM	1800
D579	HE(RAP)	700
D864	DPICM (BB)	1300
D510	COPPERHEAD	90
TOTAL		5544
D532	M203	1450
D533	M119A2 RED	2450
D541	M4A2 WHITE	1644
TOTAL		5544

#### Should have been ....

DODIC	Nomenclature	DS BN	CHANGE
D061	SADARM	205	+90
D505	ILLUM	50	
D528	SMK (M825)	351	
D544	HE (M107)	0	-1002
D529	HE (M795)	1702	+1702
D550	WP(M110)	136	
D563	DPICM	1200	-600
D579	HE(RAP)	1100	+400
D864	DPICM (BB)	800	-500
D510	COPPERHEAD	0	-90
TOTAL		5544	
D532	M203	1000	-450
D533	M119A2 RED	2450	
D541	M4A2 WHITE	2094	+450
TOTAL		5544	

<sup>\*</sup> Significant increase in use of VT/TI fuzes

#### Key Lessons Learned

- Artillery is the key to successful Combined Arms Fires
- Joint Fires = Success
  - USAF special instructions (SPINS) must accept Q36/Q37 radar acquisitions as targetable data
  - USAF CAS terminal control must be delegated to trained controllers- USAF or US Army
  - CAS effective as a FS platform; however, not timely enough for counterfire
- Ground Maneuver Commanders clear fires
- Reinforcing Artillery is Critical
- DPICM vs HE Ammunition

#### Key Lessons Learned

- Maneuver = Fires + Movement
- Radar Management is an Art
  - Commanders manage radars
  - The Division jumped radars seven times to cover friendly forces
- Long haul communication capability essential
- COLTs need a LRAS-type system
- Need additional MLRS suite of munitions (HE, Smoke, Unitary)
- Need to minimize number and type of C4I systems



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#### **Overall Observations**

- Soldiers again demonstrated adaptability and versatility against a tenacious enemy and under arduous and dynamic conditions
- Doctrine and training provided the basis of success
  - BCT execution of division CDR's intent
  - Seize or create opportunities- bold and decisive leaders
  - Gain and maintain initiative with bold and violent execution
  - Control transition points
  - Effective integration of maneuver and fires



#### **Bottom Line**



# "Tell them Joes to get the lead out!!"

Audie Murphy, To Hell and Back (Universal Pictures 1955)

Well...During OIF We got the "Lead Out"...effectively employing Artillery, Mortars & CAS during 21 consecutive days of Sustained Combat.



## ROCK OF THE MARNE... THE TIGRIS...AND THE EUPHRATES!!!